INVENTOR: MURPHY, GERALD B.
TITLE: **METHOD FOR STRATEGIC COMMODITY MANAGEMENT** ...
ATTY. DOCKET NO. P04722US0
SHEET 1 OF 8 FIG. 1

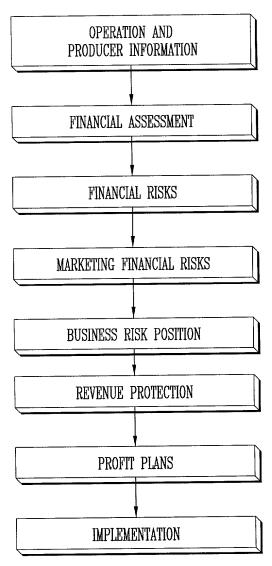
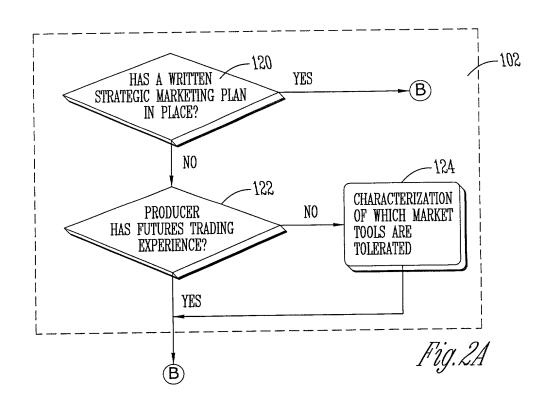
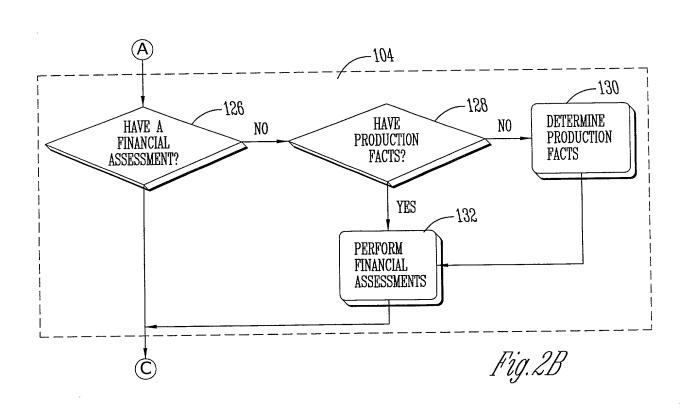


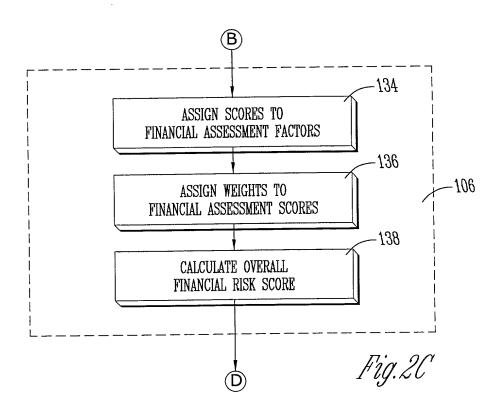
Fig. 1

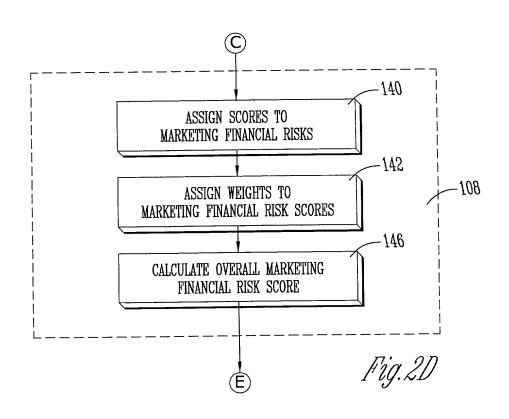
INVENTOR: MURPHY, GERALD B.
TITLE: **METHOD FOR STRATEGIC COMMODITY MANAGEMENT ...**ATTY. DOCKET NO. P04722US0
SHEET 2 OF 8 FIGS. 2A & 2B



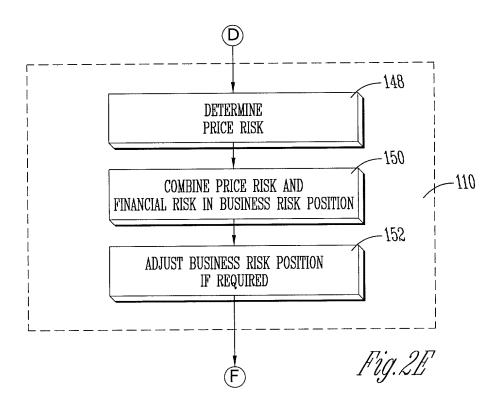


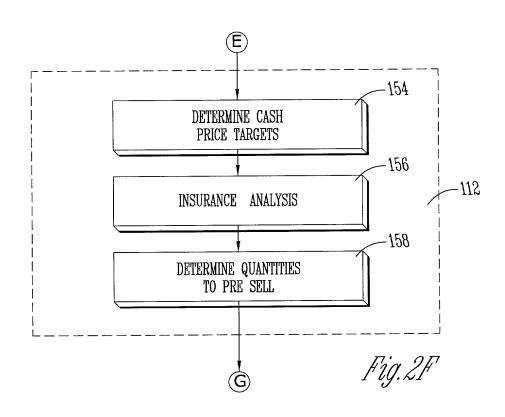
INVENTOR: MURPHY, GERALD B.
TITLE: **METHOD FOR STRATEGIC COMMODITY MANAGEMENT ...**ATTY. DOCKET NO. P04722US0
SHEET 3 OF 8 FIGS. 2C & 2D



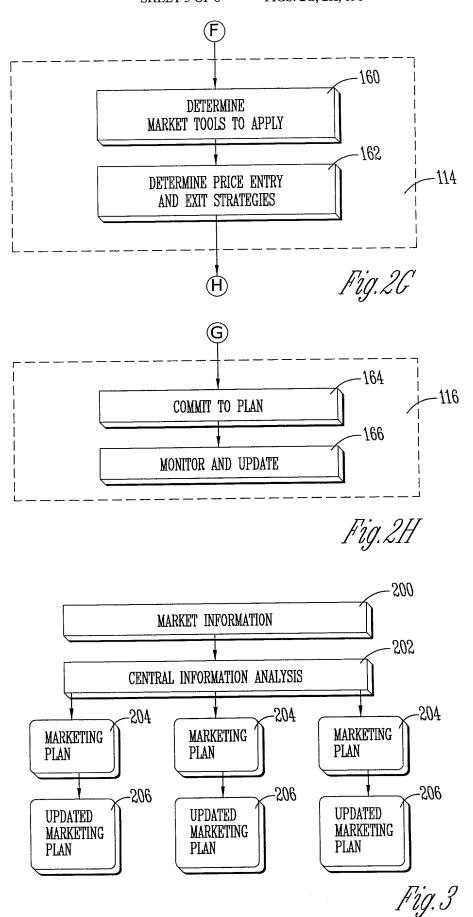


INVENTOR: MURPHY, GERALD B.
TITLE: **METHOD FOR STRATEGIC COMMODITY MANAGEMENT ...**ATTY. DOCKET NO. P04722US0
SHEET 4 OF 8 FIGS. 2E & 2F





INVENTOR: MURPHY, GERALD B.
TITLE: **METHOD FOR STRATEGIC COMMODITY MANAGEMENT ...**ATTY. DOCKET NO. P04722US0
SHEET 5 OF 8 FIGS. 2G, 2H, & 3



INVENTOR: MURPHY, GERALD B. TITLE: METHOD FOR STRATEGIC COMMODITY MANAGEMENT ... ATTY. DOCKET NO. P04722US0 SHEET 6 OF 8

COVERAGE LEVEL COSTS CRC OR RA CROP CHOICE 65% CRC 70% CRC 75% CRC LOAN AMOUNT 80% TOTAL ACRES 85% RA REQUESTED LOAN PER ACRE INTEREST RATE YIELD AND PRICES MARKET FACTORS APH AVG. FUTURE PRICE TO PRE-SELL EXPECTED SPRING PRICE PROBABILITY OF REACHING PRICE EXPECTED HARVEST PRICE EXPECTED CASH BASIS EXPECTED FALL FUTURE PRICE ANTICIPATED PRE-SELL BU. PROBABILITY OF REACHING PRICE 0R EXPECTED FALL CASH BASIS ANTICIPATED PRE-SELL (%) COST OF CALL ON PRE-SOLD PER BUS FREEDOM TO COST OF CALL ON FARM/ACRE UNSOLD PER BUS ACTUAL HARVEST COST OF PUT ON YIELD PRE-SOLD PER BUS UNDERWRITING CALLS ALLOWED? COST OF PUT ON (IF YES, MUST STATE YES; IF NO, STATE NO) UNSOLD PER BUS UNDERWRITING PUTS ALLOWED? LDP VALUE ON (IF YES, MUST STATE YES; IF NO, STATE NO) PRE-SOLD BUS MIN. PRICE FOR COUNTY "LOAN" PRICE

UNSOLD HARVEST

INVENTOR: MURPHY, GERALD B.
TITLE: METHOD FOR STRATEGIC
COMMODITY MANAGEMENT ...
ATTY. DOCKET NO. P04722US0
STREET 7 OF 8

CROP INSURANCE / MARKETING WORKSHEET = GUARANTEE YIELD X 65% LEVEL OF COVERAGE APH = MINIMUM GUARANTEE GUARANTEE YIELD X BASE SPRING REVENUE PER ACRE PRICE LEVEL GUARANTEE YIELD X HARVEST PRICE LEVEL = HARVEST GUARANTEE PER ACRE _____ FINAL GUARANTEED (THE LARGER REVENUE BETWEEN MINIMUM GUARANTEE REVENUE REVENUE AND HARVEST GUARANTEE) FINAL GUARANTEED / HARVEST PRICE LEVEL = FINAL GUARANTEED YIELD REVENUE "INSURED" PRE-SOLD GRAIN AT NET CASH PRICES: BUSHELS/ACRE X PRICE/BUSHEL = ____ NET COST OF CALL ON PRE-SOLD GRAIN AND UNSOLD GRAIN: BUSHELS/ACRE X ____ COST OF CALL/BUSHEL = NET COST OF PUT ON PRE-SOLD GRAIN AND UNSOLD GRAIN: X _____ COST OF PUT/BUSHEL = BUSHELS/ACRE LDP VALUE/BUSHEL ON INSURED PRE-SOLD GRAIN: BUSHELS/ACRE X PRICE/BUSHEL LOAN PRICE OR MINIMUM PRICE OF UNSOLD GRAIN: BUSHELS/ACRE X _____ SEAL PRICE/BUSHEL PROFIT ON CALLS OF PRE-SOLD GRAIN AND UNSOLD GRAIN: BUSHELS/ACRE X PRICE/BUSHEL PROFIT ON PUTS OF PRE-SOLD GRAIN AND UNSOLD GRAIN: BUSHELS/ACRE X _____ PRICE/BUSHEL FREEDOM TO FARM PAYMENTS (478 B FORM) / _____ TOTAL TILLABLE ACRES = ____ TOTAL FREEDOM TO FARM PAYMENT (CORN BASE ACRES X BASE YIELD X .85 X BASE PRICE) INDEMNITY FINAL GUARANTEE - ACTUAL YIELD/ACRE YIELD INDEMNITY BUSHELS X HARVEST PRICE GROSS RETURN/ACRE

INVENTOR: MURPHY, GERALD B.
TITLE: METHOD FOR STRATEGIC
COMMODITY MANAGEMENT ...
ATTY. DOCKET NO. P04722US0

ATTY. DOCKET NO. P04722US0 SHEET 8 OF 8 FIG. 6

ASSUMPTIONS:		CROP:	0		
LOAN AMOUNT PER ACRE ACTUAL PRODUCTION HISTORY (APH) EXPECTED SPRING PRICE/BU EXPECTED HARVEST PRICE/BU ACTUAL HARVEST YIELD/ACRE CASH PRE-SELL PRICE/BU		CASH HARVEST PRICE/BU 65% MINIMUM OR "LOAN" PRICE/BU 70% LDP VALUE PER BU 75% GOV PAYMENT (PER ACRE) 80% PRIMARY PURPOSE: 85% YES LOAN REQUEST PER ACRE YES MAXIMIZE REVENUE POTENTIAL			
LEVEL OF COVERAGE KIND OF COVERAGE SPRING GTD YIELD (BUS) SPRING MIN GTD HARVEST MAX GTD FINAL GTD \$ FINAL GTD YIELD (BUS) INDEMNITY BUSHELS INDEMNITY VALUE BENEFIT/COST STATUS (OVER PREVIOUS)	PLAN 65% CRC	PLAN 70% CRC	PLAN 75% CRC	PLAN 80% CRC	PLAN 85% RA
BUSHELS PRE-SOLD INSURED BUS. TO PRE-SELL UN-INSURED BUS. TO PRE-SELL INSURED BUS. NOT SOLD CASH SALES EXPECTED GAIN ON FUTURES PROJECTED COSTS ON FUTURES NET MARKET PLAN REVENUE PER BUSHEL PRICE "NO PLAN" REVENUE PER BUSHEL PRICE AVAIL ASSURED INCOME FOR LOAN LOAN REQUEST PER ACRE VARIANCE SUGGESTED "BEST CASE" CROP REV.	FMIIF DIAN				